PATENT

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001350 Practitioner's Docket No.

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to Include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. § 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application **Assistant Commissioner for Patents** Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

inventor(s): DARREN J. LONGHORN

GLENN ROBSON

WARNING: 37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title): BROADCAST DATA SYSTEM AND APPARATUS

CERTIFICATION UNDER 37 C.F.R. § 1.10* (Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date as "Express Mail Post Office to Addressee," mailing Label Number EL197553081 IIS dressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

(type or print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

"WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon Is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal [4-1]-page 1 of 11)

1. Type of Application
This new application is for a(n)
(check one applicable item below)
☐ Design
☐ Plant
WARNING: Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 371(6/4), unless the International Application is being filed as a divisional, continuation or continuation—in-part application.
WARNING: Do not use this transmittal for the filing of a provisional application.
NOTE: If one of the following 3 ltoms apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.
☐ Divisional.
☐ Continuation.
☐ Continuation-in-part (C-I-P).
2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)
NOTE: A noncrovisional application may claim an invention disclosed in one or more prior filed copending

- nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:
 - (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
 - (ii) Complete as set forth in § 1.51(b); or
 - (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or

(iv) Entitled to a filing date as set forth in \$ 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(1) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICA-TION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(New Application Transmittal [4-1]-page 2 of 11)

- WARNING: When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(g/S).
 - EX The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

- A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application
- 20 Pages of specification
- 2 Pages of claims
- ____ Sheets of drawing

WARNING: DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filling a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shirp paper and meet the standards according to § 1.8.4. If corrections to the drawings are necessary, they should be made to the original drawing the are corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).

NOTE: "dentifying inclicia, if provided, should include the application number or the title of the invention, invention's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 Inch) down from the top of the page. . . *37 C.F.R. § 1.84(f).

(complete the following, if applicable)

- ☐ The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 27 C.F.R. § 1.84(b).
 ☐ formal
 ☐ informal

 B. Other Papers Enclosed
- _2_ Pages of declaration and power of attorney
- _____ Pages of abstract
- Additiona

4. Additional papers enclosed

Am	endment to claims
	Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
	Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)
_	

- XX Preliminary Amendment
- ☐ Information Disclosure Statement (37 C.F.R. § 1.98)
- ☐ Form PTO-1449 (PTO/SB/08A and 08B)
- ☐ Citations

5.

	Dec	laration of Biological Deposit					
	per	mission of "Sequence Listing," computer readable copy and/or amendment laining thereto for biotechnology invention containing nucleotide and/or no acid sequence.					
	Aut tive	horization of Attorney(s) to Accept and Follow Instructions from Representa-					
	Spe	cial Comments .					
	Oth	er					
Dec	laratio	on or oath (including power of attorney)					
NOTE:	the price by all consplications the sign by a state being it declara- person	v executed declaration is not required in a continuation or divisional application provided that or nonprovisional application contained a declaration as required, the application being filled is or lewer than all the inventors named in the prior application, there is no new matter in the tion being filed, and a copy of the executed declaration filled in the prior application (showing nature or an indication thereon that it was signed is submitted. The copy must be accompanied stement requesting deletion of the names of person(s) who are not inventors of the application filed. If the declaration in the prior application was filled under § 1.47, then a copy of that tion must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently and declaration must be filed. See 37 C.F.R. § 51.63(01)–61.					
NOTE:	the second secon						
NOTE:							
Ŕ	🛣 Enclosed						
	Exe	ecuted by					
		(check all applicable boxes)					
	⊊ k	inventor(s).					
		legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.					
		joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.					
		This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.					
-		t Enclosed.					
NOTE:	the U. may b	the filing is a completion in the U.S. of an international Application or where the completion of se application contains subject matter in addition to the International Application, the application set preted as a continuation or continuation-in-orari, as the case may be, utilizing ADDED PAGE IEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.					
		Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all the above named inventor(s).					

4-1 4

(New Application Transmittal [4-1]-page 4 of 11)

(The d	eclaration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).
	Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))
6. Inven	torship Statement
WARNING	3: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.
The inv	entorship for all the claims in this application are:
χТx	The same.
	or
	Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
	☐ Is submitted.
	will be submitted.
7. Lang	uage
,	An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. § 1.52(d).
XX	English
	Non-English
	☐ The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).
8. Assig	gnment
ХX	An assignment of the invention to PACE MICRO TECHNOLOGY Plc
	x Is attached. A separate x "COVER SHEET FOR ASSIGNMENT (DOCU- MENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.

NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).

□ will follow.

WARNING: A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuationin-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.

(New Application Transmittal [4-1]-page 5 of 11)

Certified copy(ies)	0000584.3		10 т	2000
U.K. Country		ln. No.	I.S.Jar	nuary 2000 Filed
Country	Арр	ln. No.		Filed
Country	Арр	ln. No.		Filed
from which priority is	claimed			
☐ is (are) att	ached.			
k will follow.	•			
	olication forming the basis for C.F.R. § 1.55(a) and 1.63.	the claim for	priority must l	be referred to in the oath or
U.S. application § 120 is itself en PAGES FOR NE CLAIMED.	any foreign priority for which or International Application for ntitled to priority from a prior fi EW APPLICATION TRANSMIT	om which this oreign applica	application classion, then com	aims benefit under 35 U.S.C. oplete item 18 on the ADDED
10. Fee Calculation				
A. Kik Regular a	pplication			
	CLAIMS A	AS FILED		
Number filed	Number	Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$760.00
Total Claims (37 C.F.R. § 1.16(c))	- 20 =	×	\$ 18.00	
Independent				
Claims (37 C.F.R.				
§ 1.16(b))	- 3 =	×	\$ 78.00	
Multiple dependent of if any (37 C.F.R. §		+	\$260.00	
☐ Amendme	ent cancelling extra clair	ns is enclo	sed.	
☐ Amendme	ent deleting multiple-dep	endencles	is enclosed	i.
☐ Fee for ex	ktra claims is not being	paid at thi	is time.	
prior to the exp	tra claims are not paid on filing piration of the time period set eficiency, 37 C.F.R. § 1.16(d).	for response		and Trademark Office in any
	Filing Fee Cald	ulation		\$_710.00
B. Design ap	oplication			

(New Application Transmittal [4-1]—page 6 of 11)

Filing Fee Calculation

C.		Plant application (\$480.00—37 C.F.R. § 1.16(g))		
		Filing fee calc	ulation	\$
11.	Sma	li Entity Statement(s)		
		Statement(s) that this is a filing by is (are) attached.	/ a smail entity ι	under 37 C.F.R. § 1.9 and 1.27
WA	RNING	i: "Status as a small entity must be spec the status is available and desired. Stat affect any other application or patent indirectly dependent upon the application refiling of an application under 5 1.53 a a continued prosecution application and a new determination as to continued en application. A nonprovisional application \$55(c) of a prior application, or a reiss application or in the patent if the nonp reference to the statement in the prix statement in the prix application or in desired. The payment of the small entity for purposes of this section." 37 C.F.F.	us as a small entity including application or patent in whice is a continuation, divider § 1.53(d)), or the titlement to small er in claiming benefit is use application may revisional application or application of the patent and stabasic statutory filing	in one application or patent does not into or patents which are directly or in the status has been established. The siting of continuation-in-part including filing of a relessue application requires tilly status for the continuing or relessue under 35 U.S.C. § 119(e), 120, 121, or rely on a statement filled in the prior or the relessue application includes a the patent or includes a copy of the use as a small entity is still proper and
WA	RNING	 "Small entity status must not be establis can unequivocally make the required 1996 (emphasis added). 		
		(complete the foli	owing, if applic	able)
		Status as a small entity was cla	imed in prior ap	pilcation
			ed on	, from which benefit
		is being claimed for this applica	tion under:	
		35 U.S.C. § 🔲 119(e),		
		□ 120, □ 121,		
		□ 121, □ 365(c).		
		and which status as a small ea	ntity is still prop	er and desired.
		☐ A copy of the statement in		
		• •		
		Filing Fee Calculation (50%	OI A, B OI C at	love)
		\$		
NO	8	Any excess of the full fee peid will be refund ure filed within 2 months of the date of ti extendable under § 1.136. 37 C.F.R. § 1.2	mely payment of a	
12.	Req	uest for International-Type Sea	rch (37 C.F.R. §	1.104(d))
		(complete,	if applicable)	
		Please prepare an international-ty when national examination on the		

13.

I3. Fee	Payn	nent Being Made at This Time			
	Not	Enclosed			
		No filing fee is to be paid at this time. (This and the surcharge required by 37 C. subsequently.)	F.R. § 1.10	5(e) ce	an be pald
×	X Enc	losed			
		Filing fee		\$ 71	0.00
	邥	Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)		\$ _4	0.00
		Petition fee for filling by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))		\$	
		For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))		\$_	
		Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))		\$	
		Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))		\$_	
NOTE:	failing 37 C.F either	.R. § 1.21() establishes a fee for processing and retaining to complete the application pursuant to 37 C.F.R. § 1.53(c.F. §§ 1.53 and 1.73(a/1), indicate that in order to obtain the basic filing fee must be paid, or the processing and re 1 year from notification under § 53(f).	f) and this, as the benefit of a tention fee of	well as a prior U § 1.21(f)	the changes to .S. application, must be paid,
		Total fees enclosed	\$	50.0	10
14. M	ethod	of Payment of Fees			
ХX	A Ch	eck in the amount of \$ 750.00			
[narge Account No.	in	the	amount of
		duplicate of this transmittal is attached.			
NOTE:	Fees s § 1.22	should be itemized in such a manner that it is clear for which 2(b).	h purpose the	fees are	paid. 37 C.F.R

(New Application Transmittal [4-1]-page 8 of 11)

15. Authorization to Charge Additional Fees

WARNING: If no fees are to be paid on filing, the following items should not be completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- - ** 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
 - 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
- NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.P.R. § 1.16(ii), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.
 - 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
 - x⊠ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)).
 - XX 37 C.F.R. § 1.17 (application processing fees)
- NOTE: ". A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a potition for an extension of time under this paragraph for its innerly submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required rest, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a potition for an extension of time in any concurrent reply requiring a potition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(k)(3).
 - 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. Sr.C.R. § 1.310.

(New Application Transmittal [4-1]-page 9 of 11)

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NO	8	reasonable time, nor will the	e payer be	notified of such ar	etumed unless specifically requested within nounts; amounts over twenty-five dollars may posit account." 37 C.F.R. § 1.26(a).
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Tel	No.	(91 8) 587-2000		(type or print	name of attorney)
		(228 Wes P.O. Address	t 17th Place
Cus	tome	r No. _{24,118}		mulas	Oklahoma 74110

Tulsa, Oklahoma 74119

(New Application Transmittal [4-1]—page 10 of 11)

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ХX	Incorp	poration by reference of added pages
	pr sta th	heck the following item if the application in this transmittal claims the benefit of ior U.S. application(s) (including an international application entering the U.S. age as a continuation, divisional or C-I-P application) and complete and attach e ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF RIOR U.S. APPLICATION(S) CLAIMED)
	χΏ	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
		Number of pages added1
		Plus Added Pages for Papers Referred to in Item 4 Above
		Number of pages added
		Plus added pages deleting names of inventor(s) named in prior application(s) who Is/are no longer inventor(s) of the subject matter claimed in this application.
		Number of pages added
		Plus "Assignment Cover Letter Accompanying New Application"
		Number of pages added
	State	ment Where No Further Pages Added
		no further pages form a part of this Transmittal, then end this Transmittal with its page and check the following item)
		This transmittal ends with this page.

U.K.		0000584.3	13 January Filed on	2000
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₹ X-1	ls-(are)-attached	Will follow		
	a U.S. serial number unle stage is not entered. Th prosecution of a continu documents from the fold to request transfer, retrie enter and make a record the priority documents. I stage may not be relied	ed by the International Bunss the national stage is enter erefore, such certified copie ing application. An alternati ers and transfer them to the ve the folders, make suitable of such copies in the Contin in folders of international ag on. Notice of April 28, 198	ed. Such folders are dispos is may not be available if it we would be to physically continuing application. The record notations, transfer using Application are subst pilications that have not et 7 (1079 O.G. 32 to 46).	ed of if the national needed later in the remove the priority resources required the certified copies, antial. Accordingly,
		ndency of Prior Ap		
res	e PTO finds it useful if a opening is filed with the power 5, 1985 (1060 0.0	copy of the petition filed in apers constituting the filing 1. 27).	the prior application extends of the continuation app	nding the term for lication. Notice of
A. 🗆	Extension of time in	prior application		
(This		leted and the papers of set in the prior appli		oilcation,

☐ A copy of the petition filed in prior application is attached.

B. ☐ Conditional Petition for Extension of Time in Prior Application:

application.

(complete this item, if previous item not applicable)

A conditional petition for extension of time is being filed in the pending prior

☐ A copy of the conditional petition filed in the prior application is attached.